AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions, and listings, of claims in the captioned patent application:

Listing of Claims:

1-40. (Cancelled)

41. (Previously Presented) The implantable component of claim 93, wherein said housing comprises first and second lateral surfaces, said first lateral surface is more proximate the cochlea than said second lateral surface when said housing is in said first implanted orientation, and said first region of said first electrode assembly is connected to said first lateral surface.

42. (Currently Amended) The implantable component of claim 93, wherein said housing comprises first and second lateral surfaces, said first lateral surface is more proximate the cochlea than said second lateral surface when said housing is in said first implanted orientation, and said first region of said first electrode assembly is connected to a surface of said housing that is adjacent to ~~adjacent~~ said first lateral surface.

43. (Previously Presented) The implantable component of claim 92, wherein said housing is at least partially formed from a resiliently flexible material.

44. (Previously Presented) The implantable component of claim 43, wherein a region adjacent one or more edges of said housing is resiliently deformable.

45. (Previously Presented) The implantable component of claim 92, wherein said housing is substantially symmetrical about a plane that is parallel to said lateral axis.

46. (Previously Presented) The implantable component of claim 92, wherein said housing is substantially symmetrical about a plane that is perpendicular to said lateral axis.

47. (Cancelled)

48. (Currently Amended) The implantable component of claim 92, wherein said cochlear implant system comprises an external component, and wherein said receiver coil is configured to receive signals from ~~an external~~ said external component of said cochlear implant system via a radio frequency link.

49. (Cancelled)

50. (Previously Presented) The implantable component of claim 48, wherein said receiver coil is further configured to allow transcutaneous bidirectional data transfer between said implantable component and said external component.

51. (Previously Presented) The implantable component of claim 92, wherein said cochlear implant system comprises an external component having a microphone configured to receive an input sound, and a signal processor configured to convert the input sound into a coded signal, and wherein the receiver/stimulator package is configured to convert said coded signal into said one or more stimulation signals.

52. (Previously Presented) The implantable component of claim 92, wherein said implantable component further comprises a second electrode assembly having contiguous first and second regions, wherein said first region of said second electrode assembly is connected to said housing, and wherein said second region of said second electrode assembly comprises one or more electrodes configured to be positioned in the recipient external to the cochlea.

53. (Currently Amended) The implantable component of claim 52, wherein said first region of said first electrode assembly is connected to a first lateral surface of said housing, and wherein said first region of said second electrode assembly is connected to a second lateral surface of said housing ~~opposing said first region of said first electrode assembly~~.

54. (Previously Presented) The implantable component of claim 53, wherein said first region of said second electrode assembly is substantially aligned along the lateral axis.

55-56. (Cancelled)

57. (Currently Amended) The implantable component of claim 95, wherein said housing comprises first and second lateral surfaces ~~surface~~, said first lateral surface is more proximate the cochlea than said second lateral surface when said housing is in said first implanted orientation, and the first region of said first electrode assembly is connected to said first lateral surface.

58. (Currently Amended) The implantable component of claim 95, wherein said housing comprises first and second lateral surfaces ~~surface~~, said first lateral surface is more proximate the cochlea than said second lateral surface when said housing is in said first implanted orientation, and said first region of said first electrode assembly is connected to a surface of said housing that is adjacent to ~~adjacent~~ said first lateral surface.

59. (Previously Presented) The implantable component of claim 94, wherein said housing is at least partially formed from a resiliently flexible material.

60. (Currently Amended) The implantable component of claim 59, wherein a region adjacent to ~~adjacent~~ one or more edges of said housing is resiliently deformable.

61. (Previously Presented) The implantable component of claim 94, wherein said housing is substantially symmetrical about a plane that is parallel to said lateral axis.

62. (Previously Presented) The implantable component of claim 94, wherein said housing is substantially symmetrical about a plane that is perpendicular to said lateral axis.

63-64. (Cancelled)

65. (Currently Amended) The implantable component of claim 94, wherein said receiver coil ~~and said transmitter coil are further~~ is further configured for transcutaneous bidirectional data transfer between said implantable component and ~~said external~~ an external component.

66. (Cancelled)

67. (Previously Presented) The implantable component of claim 94, wherein said implantable component further comprises a second electrode assembly having contiguous first and second regions, wherein said first region of said second electrode assembly is connected to said housing, and wherein said second region of said second electrode assembly comprises one or more electrodes configured to be positioned in the recipient external to the cochlea.

68. (Previously Presented) The implantable component of claim 67, wherein said first region of said first electrode assembly is connected to a first lateral surface of said housing, and wherein said first region of said second electrode assembly is connected to a second lateral surface of said housing opposing said first region of said first electrode assembly.

69. (Previously Presented) The implantable component of claim 68, wherein said first region of said second electrode assembly is substantially aligned along the lateral axis.

70-79. (Canceled)

80. (Currently Amended) The implantable component of claim 97, wherein a region adjacent to ~~adjacent~~ one or more edges of said housing is resiliently deformable.

81. (Cancelled)

82. (Previously Presented) The implantable component of claim 97, wherein said implantable component further comprises a second electrode assembly having contiguous first and second regions, wherein said first region of said second electrode assembly is connected to said housing, and wherein said second region of said second electrode assembly comprises one or more electrodes configured to be positioned in the recipient external to the cochlea.

83. (Currently Amended) The implantable component of claim 82, wherein said first region of said first electrode assembly is connected to a first lateral surface of said housing, and wherein said first region of said second electrode assembly is connected to a second lateral surface of said housing ~~opposing said first region of said first electrode assembly~~.

84. (Previously Presented) The implantable component of claim 83, wherein said first region of said second electrode assembly is substantially aligned along the lateral axis.

85-86. (Cancelled)

87. (Previously Presented) The implantable component of claim 99, wherein a region adjacent one or more edges of said housing is resiliently deformable.

88. (Cancelled)

89. (Previously Presented) The implantable component of claim 99, wherein said implantable component further comprises a second electrode assembly having contiguous first and second regions, wherein said first region of said second electrode assembly is connected to said housing, and wherein said second region of said second electrode assembly comprises one or more electrodes configured to be positioned in the recipient external to the cochlea.

90. (Previously Presented) The implantable component of claim 89, wherein said first region of said first electrode assembly is connected to a first lateral surface of said housing, and wherein said first region of said second electrode assembly is connected to a second lateral surface of said housing opposing said first region of said first electrode assembly.

91. (Previously Presented) The implantable component of claim 90, wherein said first region of said second electrode assembly is substantially aligned along the lateral axis.

92. (Currently Amended) An implantable component of a cochlear implant system comprising:

a housing configured to be implanted in a recipient and having therein a receiver coil and a receiver/stimulator package substantially aligned along a longitudinal axis, wherein the receiver/stimulator package is configured to output stimulation signals and is disposed outside a circumference of the coil; and

a first electrode assembly having contiguous first and second regions, wherein the first region extends from the housing along a lateral axis substantially perpendicular to the longitudinal axis, wherein the lateral axis extends through the housing between a center of the receiver coil and a center of the receiver/stimulator package, and wherein the second region is configured to be at least partially implanted in a cochlea of the recipient,

wherein the housing and the first region are configured such that, when the second region is disposed in the cochlea, the housing is rotatable about a rotational axis substantially parallel with the lateral axis, and wherein the housing is rotatable such that the second region remains substantially stationary during the rotation.

93. (Previously Presented) The implantable component of claim 92, wherein the housing is rotatable between a first implanted orientation in which the receiver/stimulator package is disposed closer to an outer ear of the recipient than is the receiver coil, and a second implanted orientation in which the receiver coil is disposed closer to the outer ear than is the receiver/stimulator package.

94. (Currently Amended) An implantable component of a cochlear implant system comprising:

a housing configured to be implanted in a recipient and having therein a receiver coil and a receiver/stimulator package substantially aligned along a longitudinal axis, wherein the receiver/stimulator package is configured to output stimulation signals and is disposed outside a circumference of the coil; and

a first electrode assembly having contiguous first and second regions, wherein the first region extends from the housing along a lateral axis substantially perpendicular to the longitudinal axis, wherein the lateral axis extends through the housing between the receiver coil and the receiver/stimulator package, and wherein the second region is configured to be at least partially implanted in a cochlea of the recipient,

wherein the housing and the first region are configured such that, when the second region is disposed in the cochlea, the housing is rotatable about a rotational axis substantially parallel with the lateral axis, and wherein the housing is rotatable such that the second region remains substantially stationary during the rotation.

95. (Previously Presented) The implantable component of claim 94, wherein the housing is rotatable between a first implanted orientation in which the receiver/stimulator package is disposed closer to an outer ear of the recipient than is the receiver coil, and a second implanted orientation in which the receiver coil is disposed closer to the outer ear than is the receiver/stimulator package.

96. (Currently Amended) The implantable component of claim 95, wherein said housing is configured to rotate approximately 180 degrees when rotated from the first ~~implant~~ implanted orientation to the second ~~implant~~ implanted orientation.

97. (Currently Amended) An implantable component of a cochlear implant system comprising:

a housing configured to be implanted in a recipient and having therein a receiver coil and a receiver/stimulator package substantially aligned along a longitudinal axis, wherein the receiver/stimulator package is configured to output stimulation signals and is disposed outside a circumference of the coil; and

a first electrode assembly having contiguous first and second regions, wherein the first region extends from the housing along a lateral axis substantially perpendicular to the longitudinal axis and intersecting the longitudinal axis at a position substantially in the middle of the housing, and wherein the second region is configured to be at least partially implanted in a cochlea of the recipient to deliver the stimulation signals to the cochlea,

wherein the housing and the first region are configured such that, when the second region is disposed in the cochlea, the housing is rotatable about a rotational axis substantially parallel with the lateral axis, and wherein the housing is rotatable such that the second region remains substantially stationary during the rotation.

98. (Previously Presented) The implantable component of claim 97, wherein the housing is rotatable between a first implanted orientation in which the receiver/stimulator package is disposed closer to an outer ear of the recipient than is the receiver coil, and a second implanted orientation in which the receiver coil is disposed closer to the outer ear than is the receiver/stimulator package.

99. (Currently Amended) An implantable component of a cochlear implant system comprising:

a housing configured to be implanted in a recipient and having therein a receiver coil and a receiver/stimulator package substantially aligned along a longitudinal axis, wherein the receiver/stimulator package is configured ~~configured~~ to output stimulation signals; and

a first electrode assembly having contiguous first and second regions, wherein the first region extends from the housing along a lateral axis substantially perpendicular to the longitudinal axis, and wherein the second region is configured to be at least partially implanted into a cochlea of the recipient to deliver the stimulation signals to the cochlea, wherein a first length of the housing along the longitudinal axis is greater than a second length of the housing along the lateral axis,

wherein the housing and the first region are configured such that, when the second region is disposed in the cochlea, the housing is rotatable about a rotational axis substantially parallel with the lateral axis, and wherein the housing is rotatable such that the second region remains substantially stationary during the rotation.

100. (Previously Presented) The implantable component of claim 99, wherein the housing is rotatable between a first implanted orientation in which the receiver/stimulator package is disposed closer to an outer ear of the recipient than is the receiver coil, and a second implanted orientation in which the receiver coil is disposed closer to the outer ear than is the receiver/stimulator package.